VULKAN IMPLANTS
Strongly with you

# XBODY - Conical Connection Implant

AVAILABLE IMPLANT SYSTEMS

# Index

VULKAN IMPLANTS
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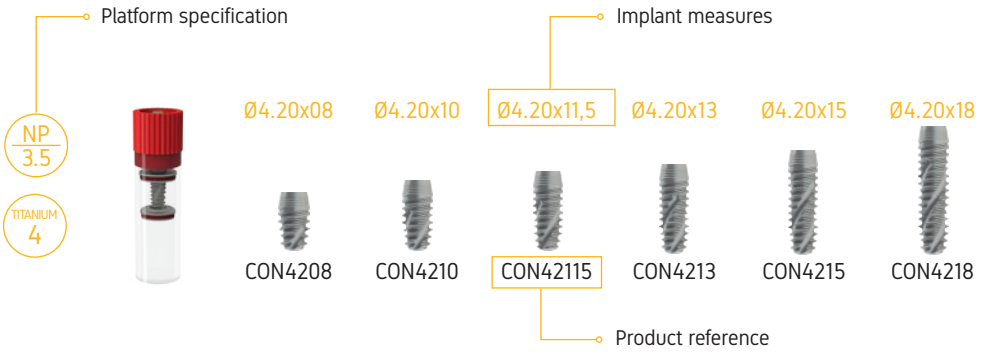
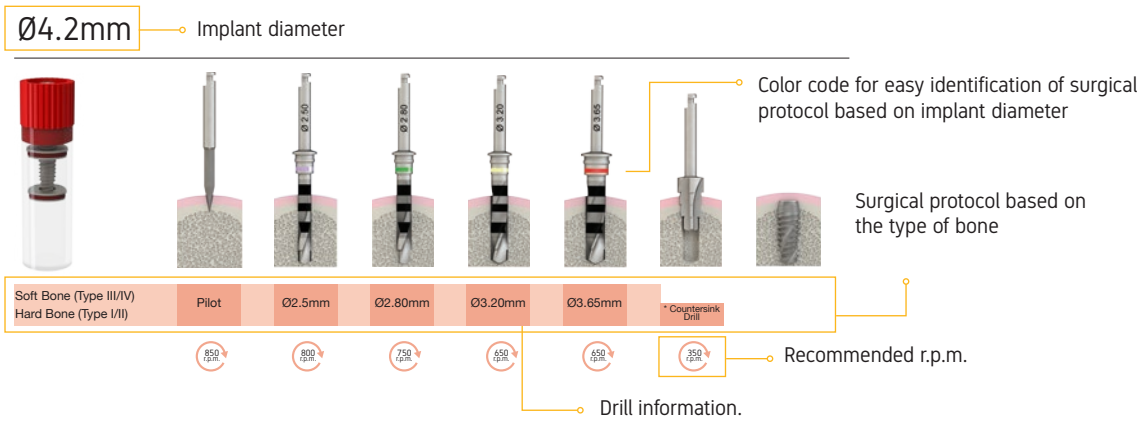
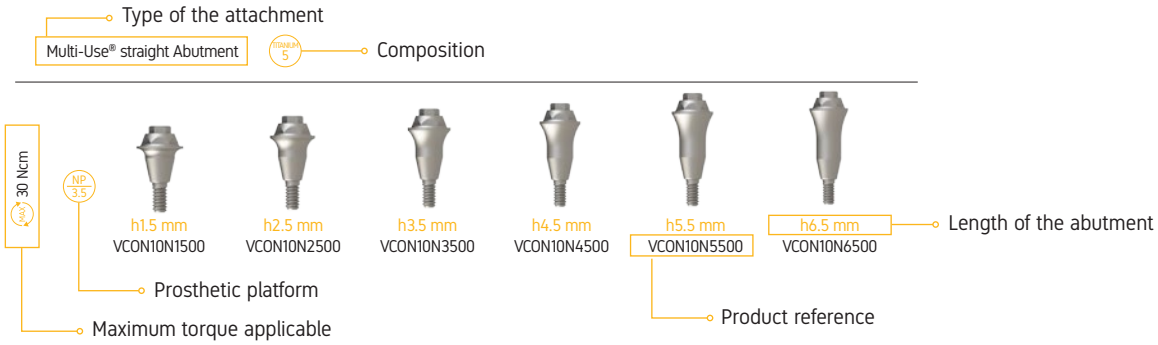
## Vulkan® Conical Connection

# How to consult this catalog




## Symbology

- = Mini Platform
- = Narrow Platform
- = Titanium Grade 4
- = Titanium Grade 5
- = DLC Coating
- = TiN Coating
- = Machined in POM
- = Cobalt Chrome
- = Stainless Steel
- = Machined in PEEK
- = Unigrip connection
- = Non-Engaging
- = Engaging
- = Maximum Torque
- = Use of irrigation
- = More info available in our site
- = Revolutions per minute
- = Angle of inclination
- = Tetralobular connection

VULKAN IMPLANTS
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# About Us

## Designed and made in Barcelona, one of the most advanced cities in the world in biotechnology

**Vulkan®** is a modern, cutting-edge **European dental implant brand**, established in Barcelona (Spain) in 2013.

**Vulkan®** was born out of our long and recognized expertise in the field of dental implantology. Also, because of our links with highly regarded companies and professionals in the sector and our close ties with the strong and world-renowned local biotechnological network.

As a manufacturer of implants and dental prosthetic solutions, our added value is based on the **high quality and reliability** of our processes and products. As well as the innovative capacity of our team of scientists, engineers and dental professionals.

In **Vulkan®** we carefully monitor and control all our processes of R+D+i, design, production and quality to be able to guarantee 100% the success of our products.

Our mission is to improve and facilitate the experience of the patients and dental health professionals by designing, manufacturing and making more accessible the most up-to-date dental implant technology.

### Innovation:
The constant improvement and the desire to find the best solutions for the patients place us as an innovative and reliable company..

### Quality:
Quality and seeking perfection are golden rules for everything we do.

### Commitment:
Our commitment with the patients: solutions that improve their quality of life.
Our commitement with the industry professionals: innovations to improve their clinical experience.

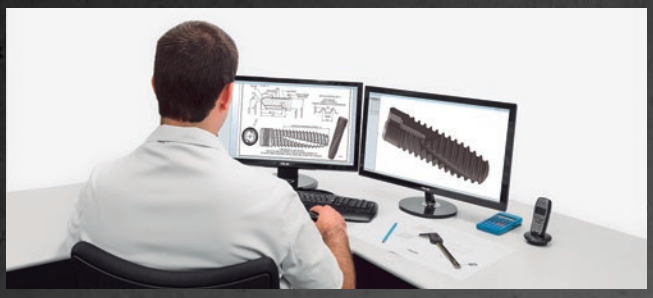
### Added value:
The engine that moves us forward is the motivation to always offer more and better solutions.

### Sustainability:
For us sustainability is a core value in our decision making process, to enable our values and our brand to last over time.

Vulkan® Conical Connection

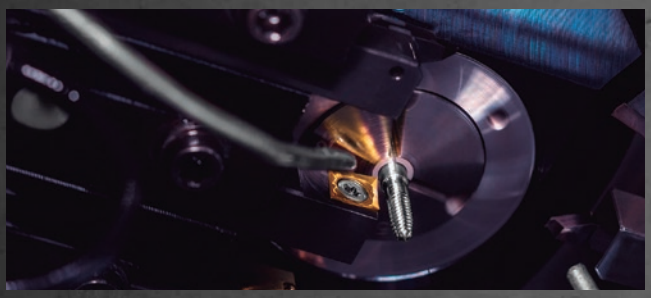
# Innovation, Precision and Quality

## R&D+i



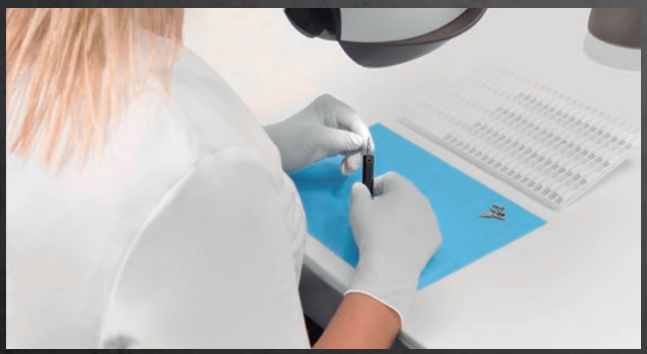
Our Research, Development and Innovation team is made up of **engineers and doctors** with long, extensive and successful experience in the development of dental implants and prosthetic components.
Together, they investigate and design the Vulkan® Implants **innovative products** according to user needs under the most **advanced protocols of Medical Engineering** and in accordance with **UNE 166002**.

## STATE-OF-THE-ART-TECHNOLOGY



Vulkan® products are known for their **high precision, quality and robustness**. This is possible, among other things, thanks to the **skillfulness of our specialists**, experts in dental technology, and the latest CNC machinery which allow us to guarantee **tolerances of only 5 µm**.
We can proudly say that our products are manufactured with **the most accurate technological system in the world**.

## BEST QUALITY GUARANTEED



Our Quality Control Department applies the more **rigorous control system** and has been certified under the most strict European quality standards. Robotized computer machines with **artificial vision** analyze and ensure the precise measurement of each implant and prosthetic component. Also, through an innovative **optical laser** technology, we inspect up to the most micrometric detail of the implants or prosthetic components. Finally, to ensure the perfect functionality of our product, our team physically check the perfect fit of each item. **100% unitary control**.

## European Quality Standards

ISO 9001 | ISO 13485 | IQNet | CE Marking | AEMPS Licence

# Vulkan® Conical Connection
# XBody

## Ideal for post-extraction immediate implants

The conical Xbody design core increases soft bone compression. This design is especially beneficial in situations of low bone density.

## Ideal for immediate loading

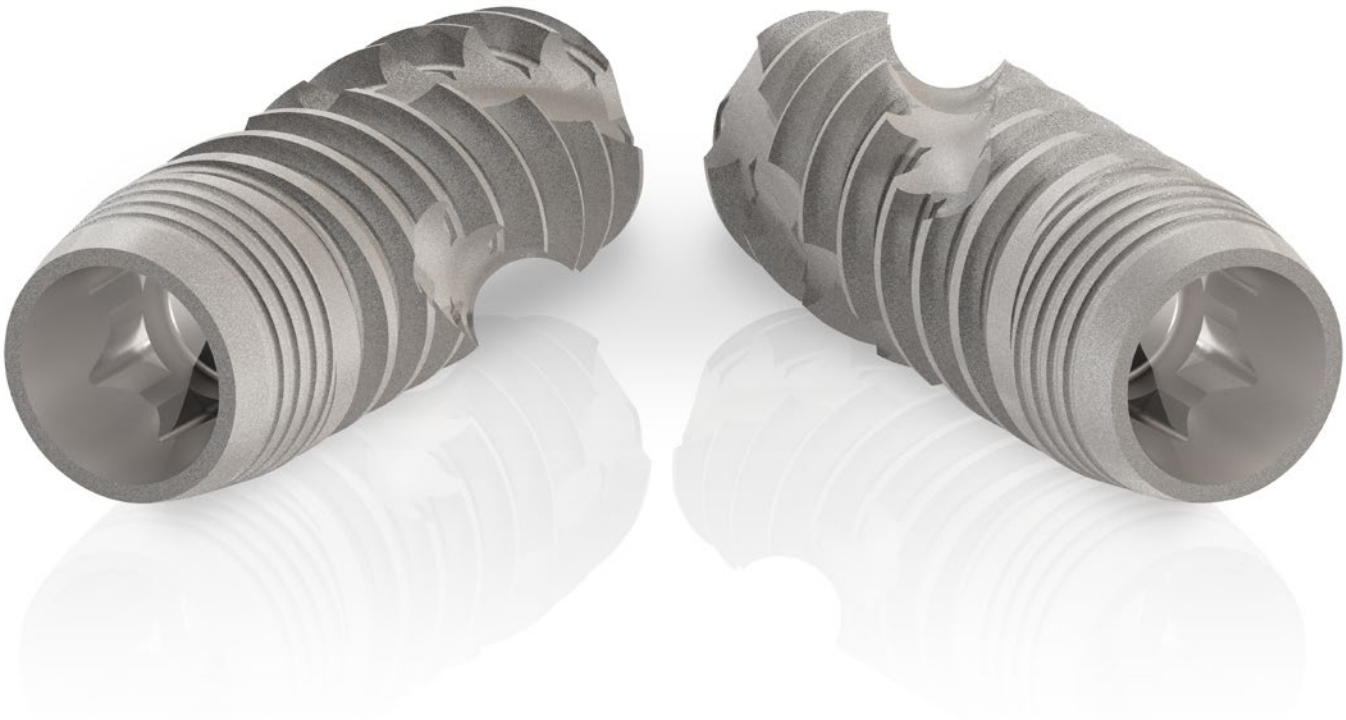
The conical core and the self-tapping thread shape provide greater primary stability with less milling.

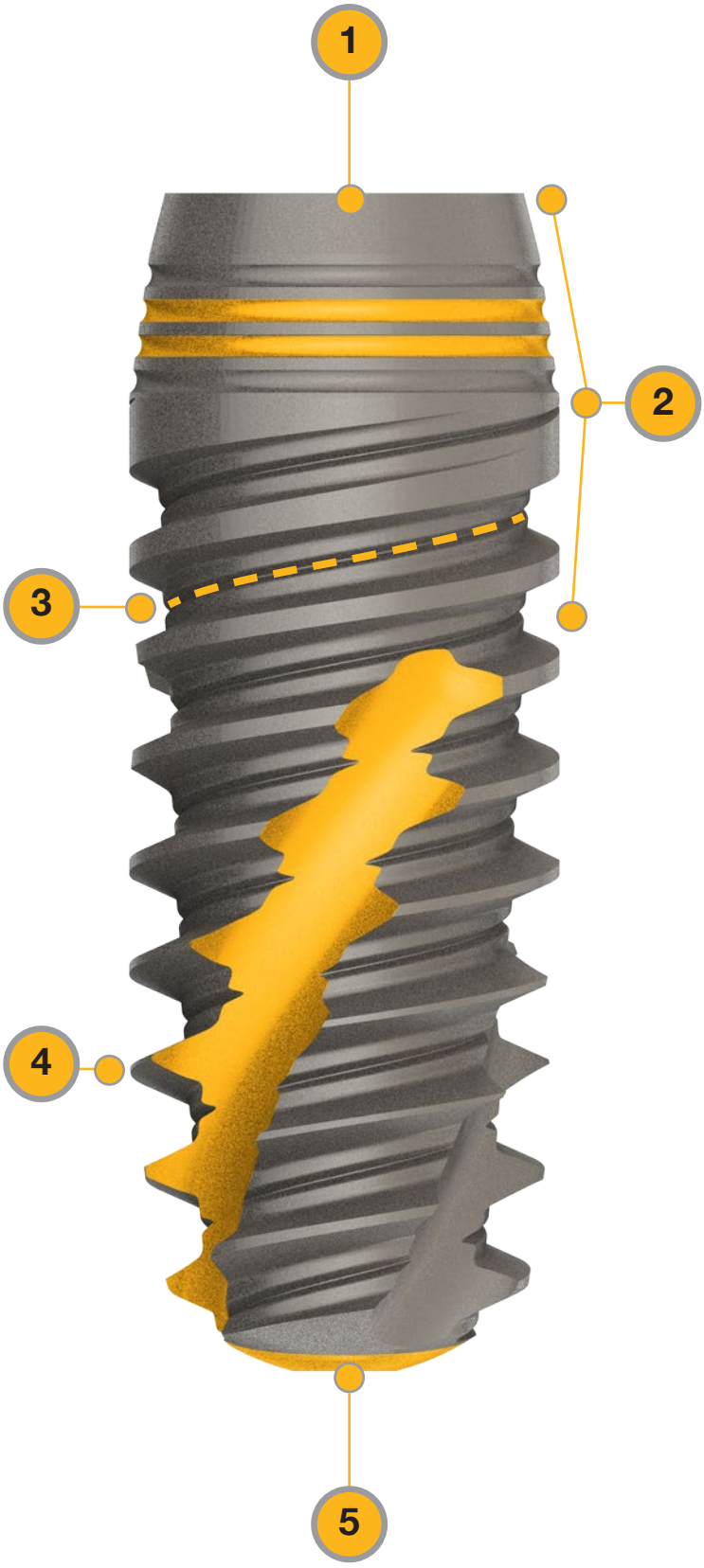
## Greater stability of the peri-implant bone tissue

The inverted cone of the coronal region promotes the creation of long-term stable bone tissue.

## More prosthetic solutions

Introducing Vulkan Tissue Care, the transepithelial attachment for single or multiple restorations that transfers the prosthetic platform from the bone level to the tissue level, reducing risks and time in the treatment.






# TESTED BENEFITS

## 1. Optimal sealing

The conical profile in 12º guarantees optimum sealing, minimizing micro filtrations. In addition, the Vulkan Conical Connection system simplifies prosthetic procedures with a single prosthetic connection for the main four implant diameters.

## 2. Increase the bone tissue

The Xbody design is marked by the shape of an inverted cone in the coronal region of the implant along with the platform switching, maximizing the volume of bone and soft tissue and providing a natural-looking aesthetic for an optimal prosthetic result.

## 3. Easy movement of fluids

The micro grooves in thread design promote the circulation of fluids for an optimal and faster osseointegration.

## 4. Self-tapping

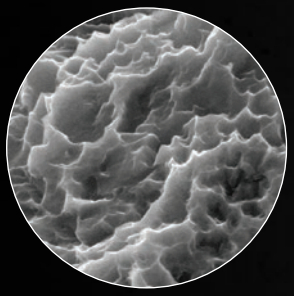
The morphological design of the implant along with the conical core provide a greater sense of control in the insertion and a greater primary stability with less milling.

## 5. Minimizes the risk of injury to anatomical structures

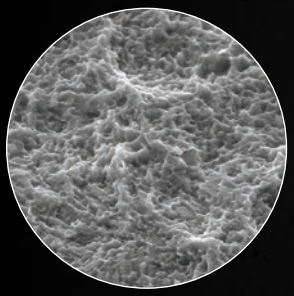
The blunt tip improves maneuverability in insertion and reduces the risk of injury.

Vulkan® Conical Connection

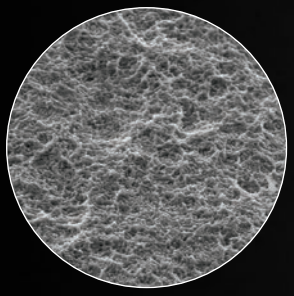
# VLA® Surface treatment



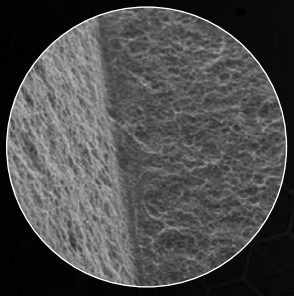
7.50k X



2.50k X



1.00k X



500 X

## Proven Guarantee of Success

The Vulkan® Conical Connection Implant has been subjected to a treatment consisting of **sandblasting + double acid etching** creating a surface with optimum roughness of 1.4 µm.

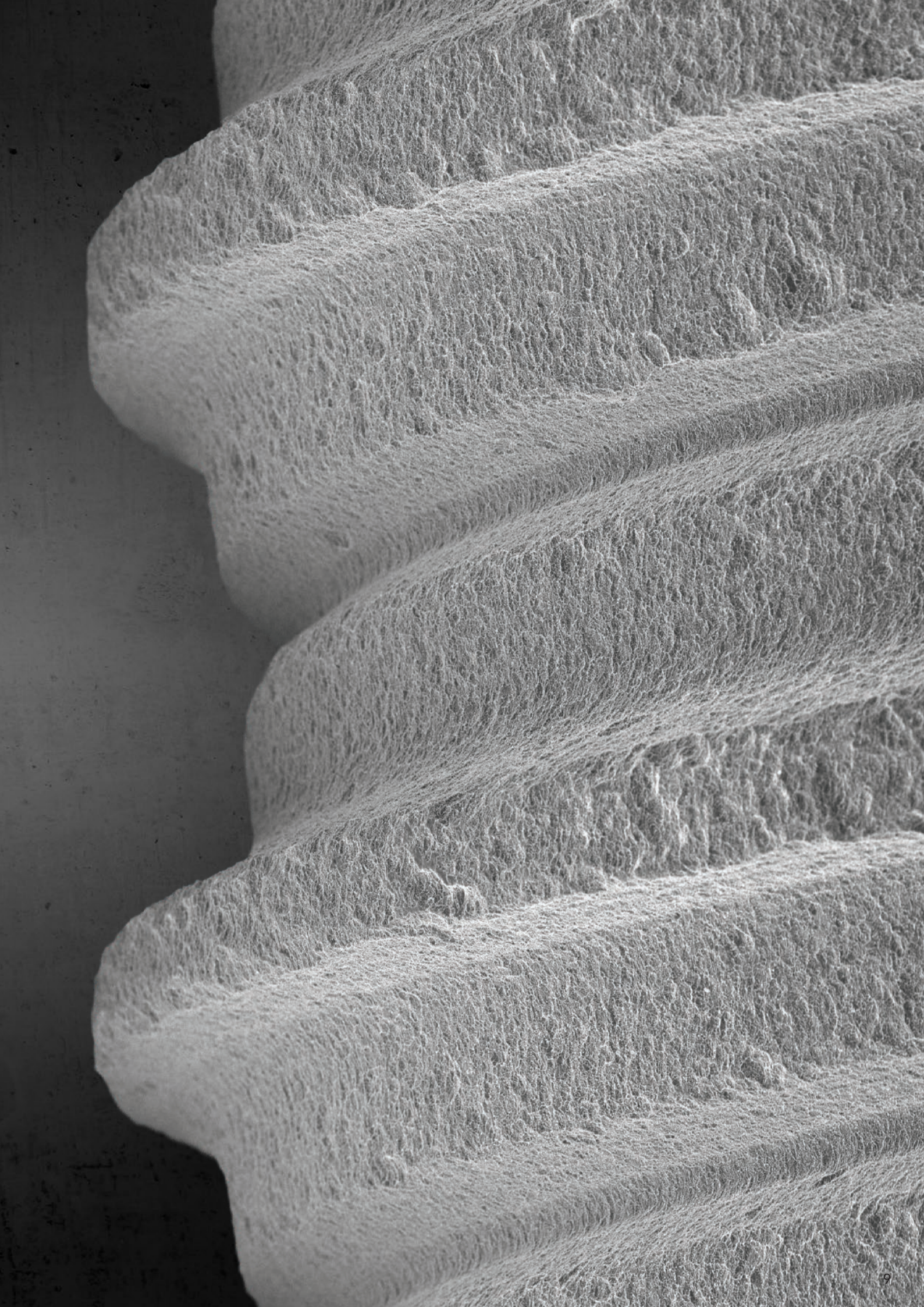
This is a widely studied surface that provides a microstructure that **stimulates the osseointegration** of the implant.

The **VLA®** surface treatment presents **success rates of 98%-99%.** This microstructure also ensures a large contact area between implant and bone, providing the **maximum BIC (Bone Implant Contact)**.

## The Cleanest Implant

In addition, an **innovative final cleaning technique** is applied using a **plasma** cleaning system that strikes the surface of the implant, subjecting it to an intensive blasting causing the detachment and **complete elimination of any possible remaining contaminants**.

Finally, the implant is subjected to a strict **sterilization** by gamma rays.

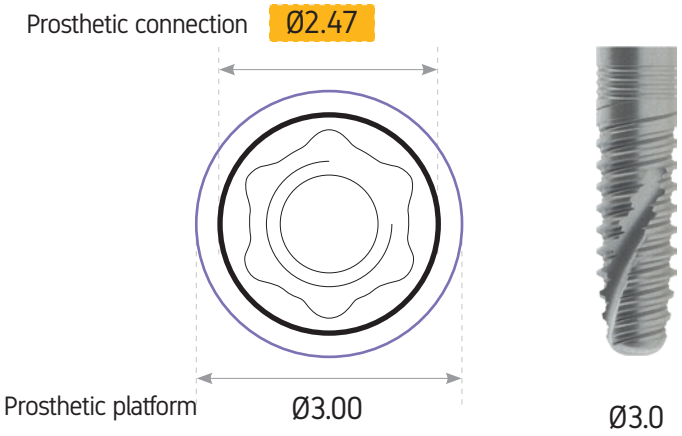


Vulkan® Conical Connection

# Technical specifications

MiP 3.0

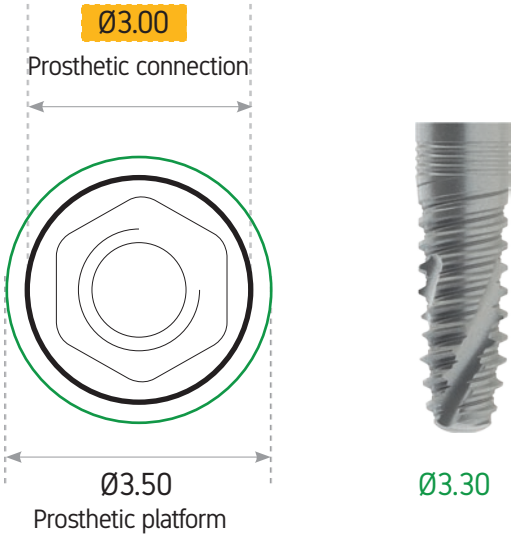
Platform: Ø3.0
Prosthetic connection: Ø2.47
Metrics: M-1.4

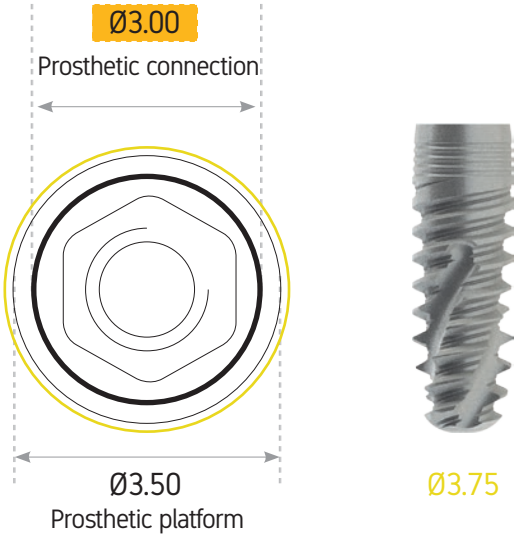


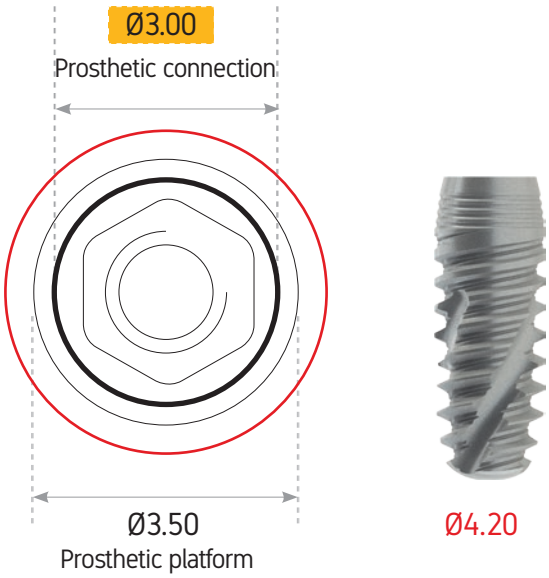

NP

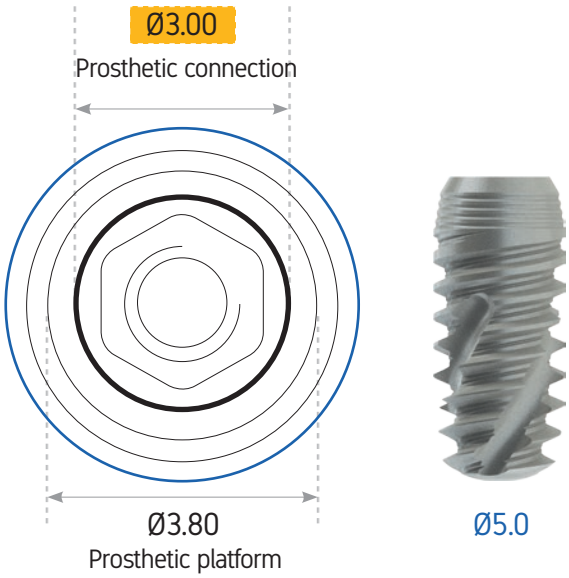
Platform: Ø3.5 - Ø3.8
Prosthetic connection Ø3.00
Metrics: M-1.6

## 4 diameters
## 1 single prosthetic connection



# Sizes Guide

**Vulkan® Conical Connection**
The cutting-edge implant that meets all your needs

MiP 3.0 / TITANIUM 4

| Ø3.0x08 | Ø3.0x10 | Ø3.0x11,5 | Ø3.0x13 | Ø3.0x15 |
|---|---|---|---|---|
| CON3008 | CON3010 | CON30115 | CON3013 | CON3015 |

NP 3.5 / TITANIUM 4

| Ø3.30x08 | Ø3.30x10 | Ø3.30x11,5 | Ø3.30x13 | Ø3.30x15 |
|---|---|---|---|---|
| CON3308 | CON3310 | CON33115 | CON3313 | CON3315 |

NP 3.5 / TITANIUM 4

| Ø3.75x08 | Ø3.75x10 | Ø3.75x11,5 | Ø3.75x13 | Ø3.75x15 | Ø3.75x18 |
|---|---|---|---|---|---|
| CON37508 | CON37510 | CON375115 | CON37513 | CON37515 | CON37518 |

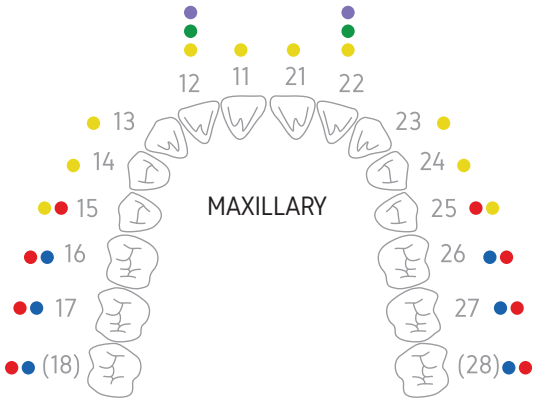
NP 3.5 / TITANIUM 4

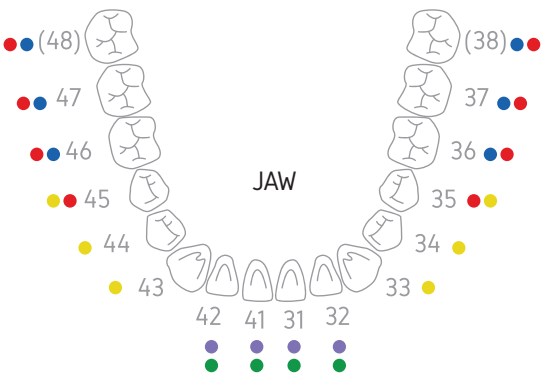
| Ø4.20x08 | Ø4.20x10 | Ø4.20x11,5 | Ø4.20x13 | Ø4.20x15 | Ø4.20x18 |
|---|---|---|---|---|---|
| CON4208 | CON4210 | CON42115 | CON4213 | CON4215 | CON4218 |

NP 3.5 / TITANIUM 4

| Ø5.00x08 | Ø5.00x10 | Ø5.00x11,5 | Ø5.00x13 | Ø5.00x15 |
|---|---|---|---|---|
| CON5008 | CON5010 | CON50115 | CON5013 | CON5015 |

*all Vulkan® Implants include the Cover Screw in the same pack.




- Ø3.00
- Ø3.30
- Ø3.75
- Ø4.20
- Ø5.00

Vulkan® Conical Connection

# Technical specifications

**Mip 3.0 platform** offers to the dental professional the possibility of performing dental implant treatment **in areas with limited spaces.**

The conical connection implant **with a 3.0 mm platform** is indicated for the anterior sector, **in lateral unitary incisors in the maxilla and lateral and central incisors in the jaw.**

The conical connection guarantees a **perfect seal**, reducing micro filtrations and guaranteeing the success of the treatment.

The **Xbody** design of the implant guarantees high rates of primary stability and bone preservation. Furthermore, it **facilitates the adjustment of the implant position during insertion** for optimal restoration orientation.

## Mip Platform allows

Treatment with dental implants in areas with limited spaces.

## Indicated for

- Unitary lateral incisors in maxilla.
- Lateral and central incisors in the jaw.

## Abutments available for Mip Platform: MiP 3.0

Find all references on pages 22-29

Clousure screw

Healing Cap

Impression Coping

Analog

Castable

ANTI ROT ROT

Cobalt-Chrome Castable

ANTI ROT ROT

Temporary Abutment

ANTI ROT ROT

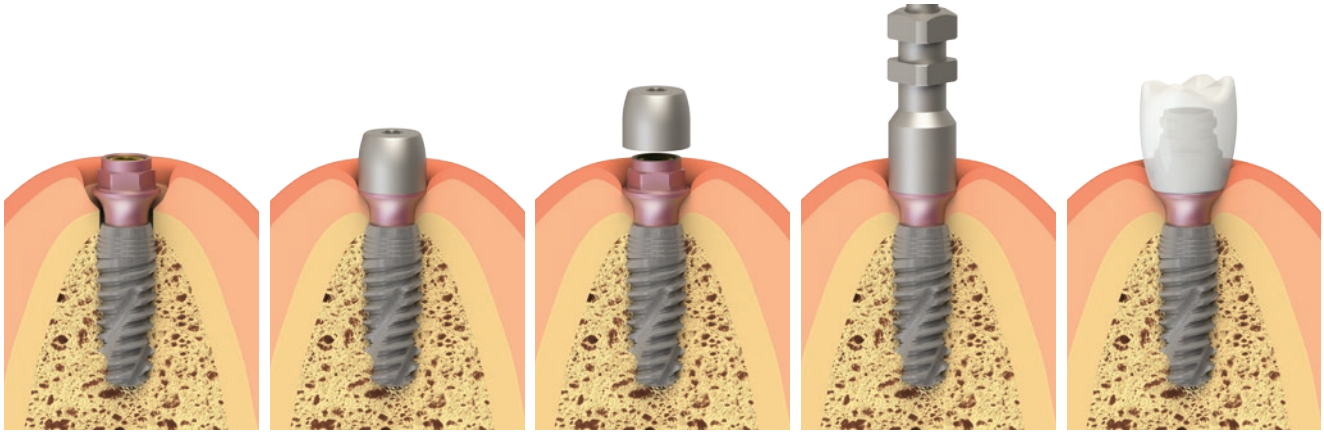
Vulkan Tissue Care

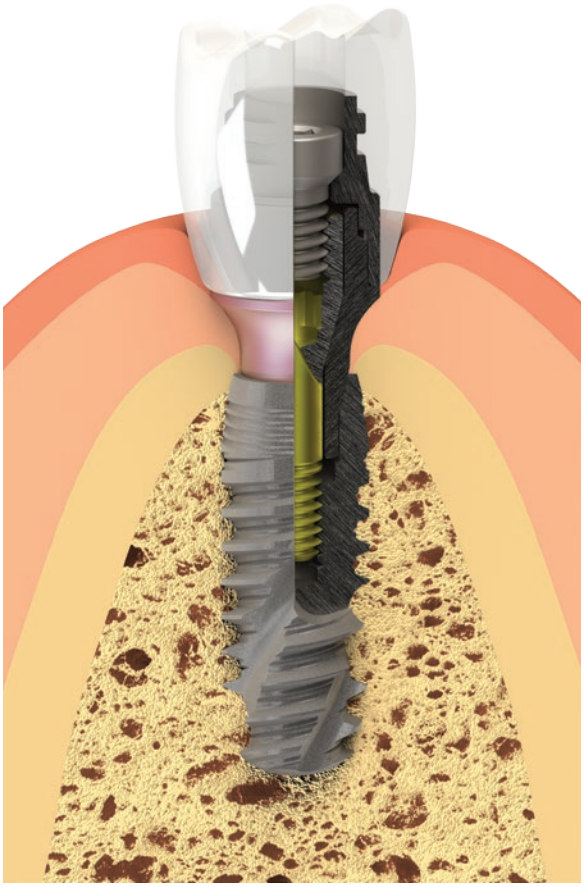
# Technical specifications

**Vulkan Tissue Care** is an abutment system designed **to preserve connective tissue** and ensure complete **restorative and surgical flexibility.**

**Tissue Care abutments simplify the restorative** procedure by moving the prosthetic platform of the Vulkan® Conical Connection implants from the bone level to the tissue level, **remaining in position throughout the restorative procedure** and during the lifetime of the restoration.

This new position of the restorative platform allows the **soft tissue** to remain **intact** and facilitate an **optimal healing process**





## Soft tissue preservation

**Tissue Care** abutments remain in position from implant placement to completion of the restorative procedure and the shelf life of the restoration.

## Simplification

**Tissue Care** abutments move the prosthetic platform of the Vulkan® Conical Connection implant from the bone level to the tissue level, facilitating the union of prosthetic components and the impression taking.

Vulkan® Conical Connection

# Technical specifications

## The best titanium for the most advanced implant

In general, scientifically-proven dental implants are made of Titanium Grade 4. This material is known for providing better biocompatibility than Titanium Grade 5, because it has more pure titanium. However, although Titanium Grade 5 is less biocompatible, it has superior mechanical properties than Titanium Grade 4. This is the reason why Titanium Grade 5 is most commonly used in prosthetic components and Titanium Grade 4 in implants.

The determining factor in choosing between one material or another is their biocompatibility. However, it is also very important that the material contains mechanical properties that provide tensile/shear resistance , elasticity and enough strength/hardness to withstand the prosthetic process satisfactorily. That is why, in Vulkan we use an innovative material that provides the same biocompatibility than Titanium Grade 4 and the same mechanical properties than Titanium Grade 5.

## How do we manage to obtain the best of both materials in one?

Technically, the composition of our Titanium is Grade 4. However, when forming it we use a “Cold Forming” technique. This process to form the material is what provides our implants their superior mechanical properties.

Using this innovative technique, we manage to produce our implants for maximum biocompatibility and the best possible mechanical properties.

## Vulkan® Grade 4 Titanium “Cold forming”

- **Higher strength**
- **Greater Biocompatibility**
- **Advanced Mechanical Properties**

## Comparison of the different compositions of titanium

| TITANIUM | | MECHANICAL CHARACTERISTICS | | |
|---|---|---|---|---|
| Description | State | Tensile strength N/mm² | 0,2% Yield point N/mm² min. | Elongation % |
| Grade 2 | | 345 | 230 | 20 |
| Grade 3 | | 450 | 300 | 18 |
| Grade 4 | | 550 | 440 | 15 |
| **Grade 4 Vulkan®** | **Cold Forming** | **√ 850** | **√ > 700** | **√ > 10** |
| **Grade 5** | | **900** | **> 795** | **> 10** |

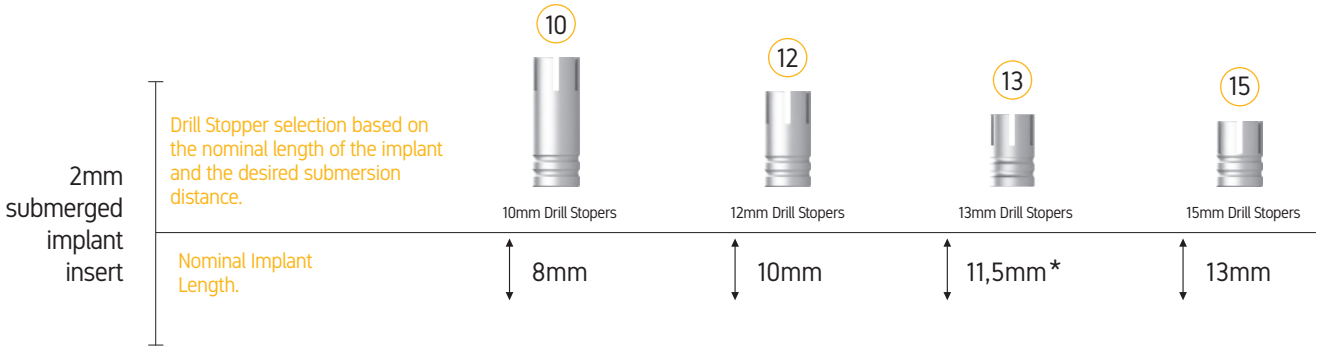
# Vulkan® Conical Connection
# Information prior to the surgical protocol

Vulkan® recommends a submerged insertion of the Conical Connection implant. For an optimal control of the milling depth, it is recommended to use the stoppers during the surgical protocol.

To facilitate this process, Vulkan® Drill Stoppers have the nominal milling depth indicated, varying from 6mm to 15mm. There are two designs of stoppers depending on the Ø of the drill.
Series 1 (Drills of Ø2.50, Ø2.80, Ø3.20) and Series 2 (Drills of Ø3.65 and Ø4.60 ).

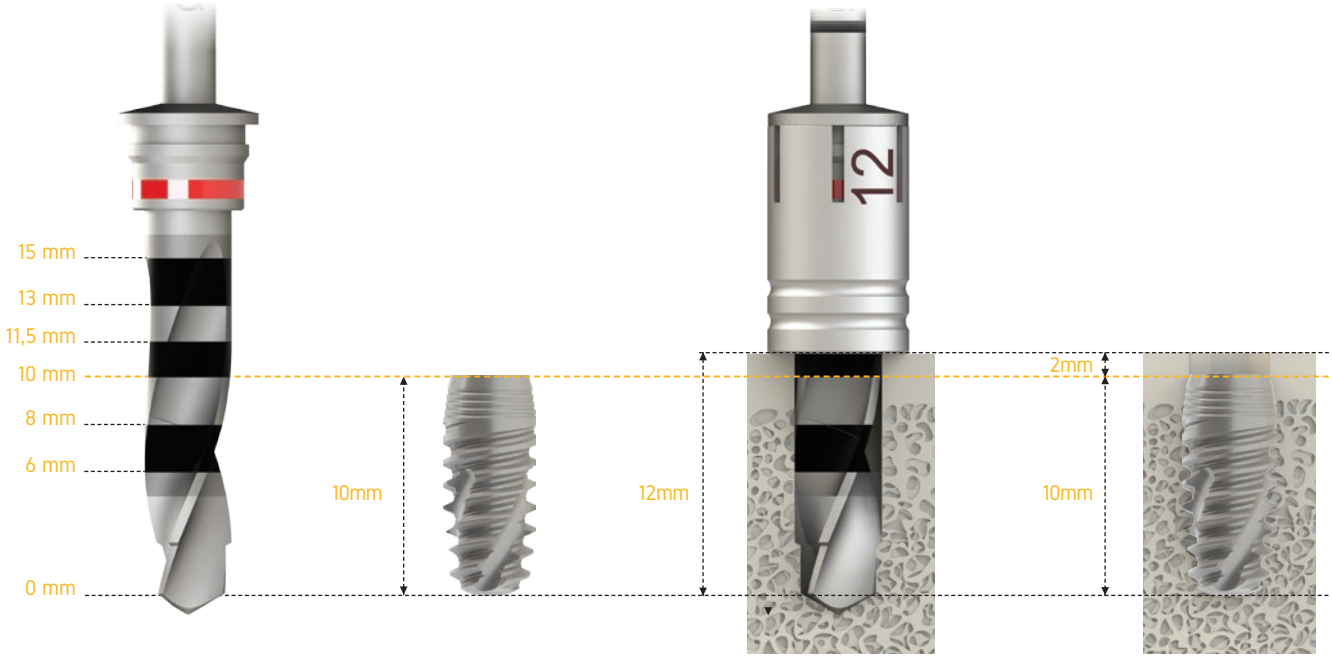
**The depth of implant insertion is responsibility of the surgeon.**

## Informative drill stoppers table:




*For 11.5mm implants, the stoppers allow a variation in the insertion depth of 0.5mm or 1.5mm

Illustrative example* Implant insertion Ø4.20X10 leaving 2mm of submersion



Vulkan® Conical Connection

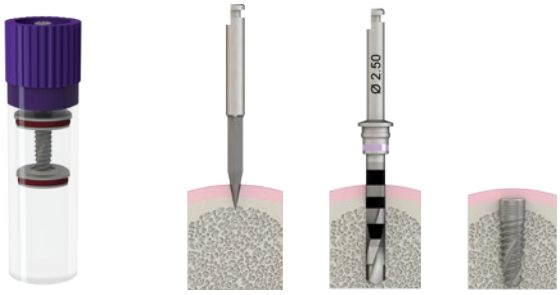
# Surgical Protocol

**These indications have been made for guidance (only).**
Bone drilling must be done carefully and taking into account the different bone density characteristics (Type I-IV).

## Important considerations (to be taken) during bone drilling:

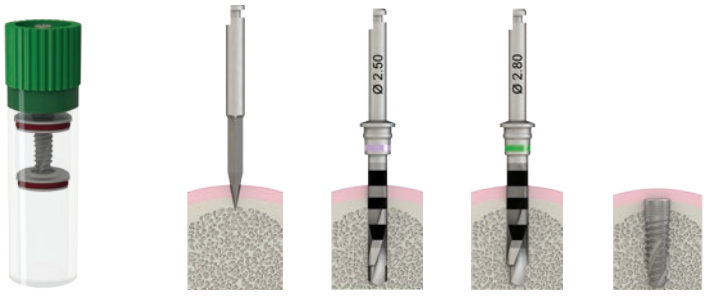
- Use copious/profuse external irrigation of pre-refrigerated NaCl at 5°C solution.
- Prepare the implant bed site with sequential drilling (straight up-and-down motion during osteotomy).
- Drill the osteotomy using light pressure.

## Ø3.0mm

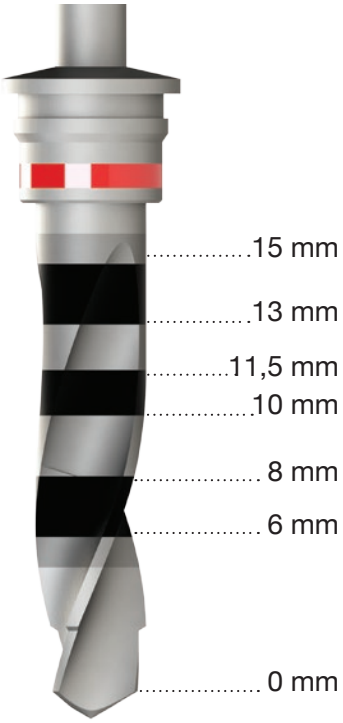



| | | |
|---|---|---|
| Soft Bone (Type III/IV) | Pilot | Ø2.5mm |
| | 850 r.p.m. | 800 r.p.m. |

## Ø3.3mm



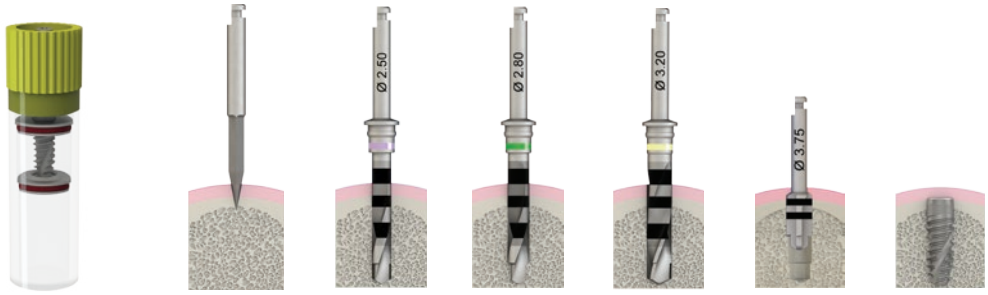

| | | | |
|---|---|---|---|
| Soft Bone (Type III/IV)<br>Hard Bone (Type I/II) | Pilot | Ø2.5mm | Ø2.80mm |
| | 850 r.p.m. | 800 r.p.m. | 750 r.p.m. |



Vulkan® Conical Connection

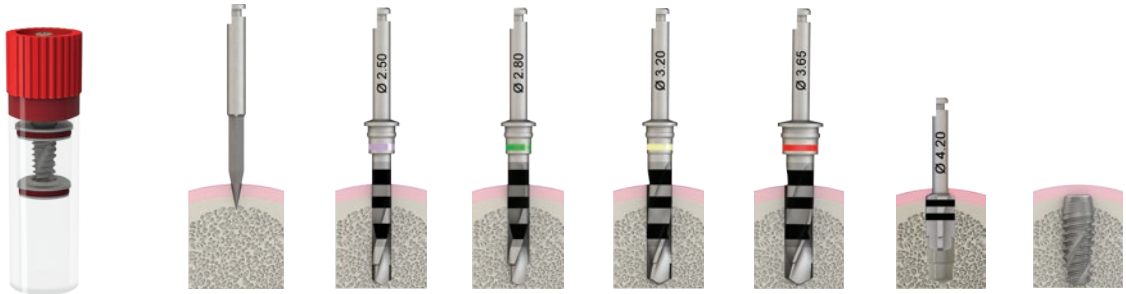
# Surgical Protocol

## Ø3.75mm



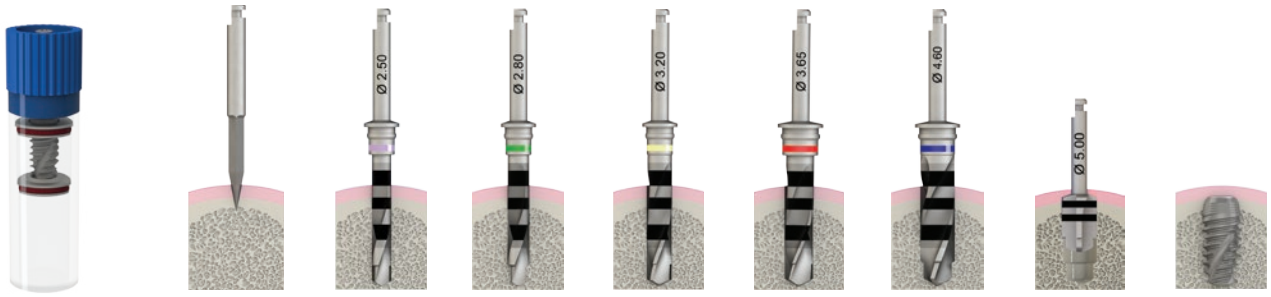

| | | | | | | |
|---|---|---|---|---|---|---|
| Soft Bone (Type III/IV)<br>Hard Bone (Type I/II) | Pilot | Ø2.5mm | Ø2.80mm | Ø3.20mm | *Countersink Drill | |
| | 850 r.p.m. | 800 r.p.m. | 750 r.p.m. | 650 r.p.m. | 350 r.p.m. | |

## Ø4.2mm




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Soft Bone (Type III/IV)<br>Hard Bone (Type I/II) | Pilot | Ø2.5mm | Ø2.80mm | Ø3.20mm | Ø3.65mm | *Countersink Drill | |
| | 850 r.p.m. | 800 r.p.m. | 750 r.p.m. | 650 r.p.m. | 650 r.p.m. | 350 r.p.m. | |

## Ø5.0mm

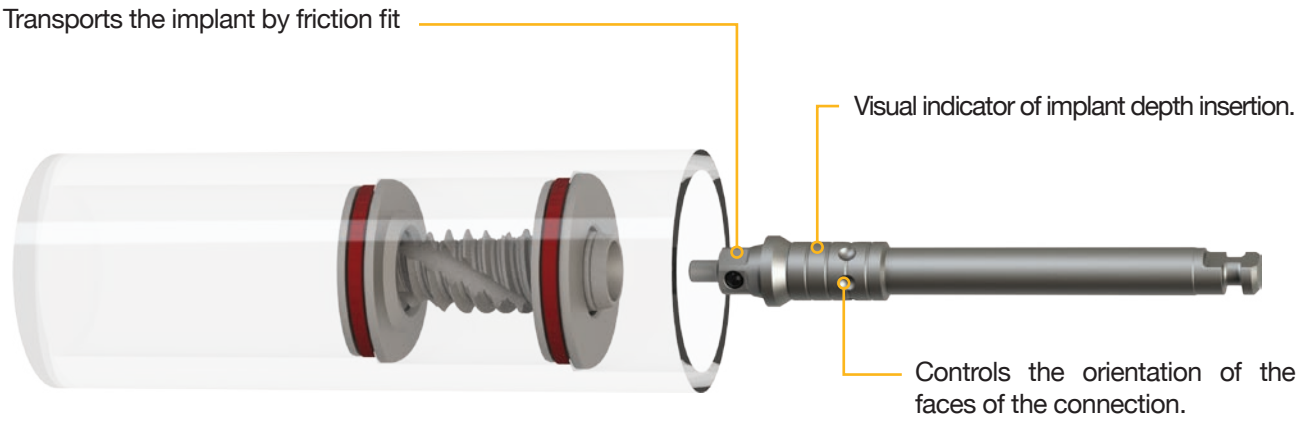



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Soft Bone (Type III/IV)<br>Hard Bone (Type I/II) | Pilot | Ø2.5mm | Ø2.80mm | Ø3.20mm | Ø3.65mm | Ø4.60mm | *Countersink Drill | |
| | 850 r.p.m. | 800 r.p.m. | 750 r.p.m. | 650 r.p.m. | 650 r.p.m. | 550 r.p.m. | 350 r.p.m. | |

Vulkan® Conical Connection

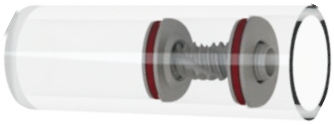
# Smart Implant Driver

## Multifunctionality




**Titanium holders**

**Cover screw included**



Contra-Angle Driver

| Short (21mm) | | Long (27mm) | |
|---|---|---|---|
| MiP 3.0 | VCONDRS1 | MiP 3.0 | VCONDRS2 |
| NP 3.5 | VCONDRN1 | NP 3.5 | VCONDRN2 |

Ratchet Driver

| Short (21mm) | | Long (27mm) | |
|---|---|---|---|
| MiP 3.0 | VCONDRS3-R | MiP 3.0 | VCONDRS4-R |
| NP 3.5 | VCONDRN3-R | NP 3.5 | VCONDRN4-R |

Squared Ratchet 4x4

| Short (21mm) | | Long (27mm) | |
|---|---|---|---|
| MiP 3.0 | VCONDRS3 | MiP 3.0 | VCONDRS4 |
| NP 3.5 | VCONDRN3 | NP 3.5 | VCONDRN4 |

Vulkan® Conical Connection

# Step-by-Step Implant Placement

## STEP 1

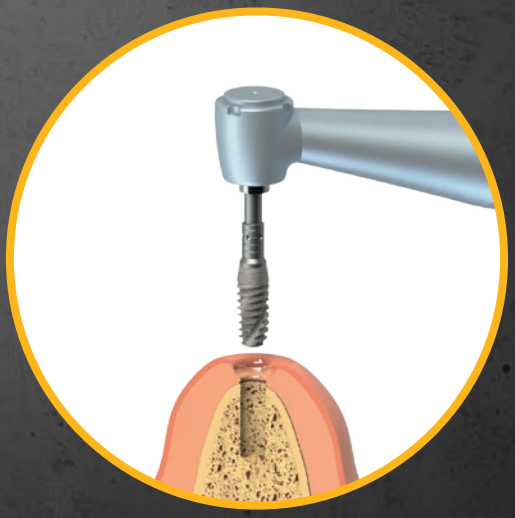
Lift off the coloured cap to open the vial containing the implant. Place the cap into a sterile field. The implant cover screw comes attached to the top of the cap.

## STEP 2

Attach the implant driver to the contra angle.

## STEP 3

Connect the contra angle driver to the implant by exerting slight axial pressure. They will remain attached because the driver presents an elastic retention feature (rubber dots) in the area that connects to the implant. Remove the implant from the vial and carry it to the implant bed.

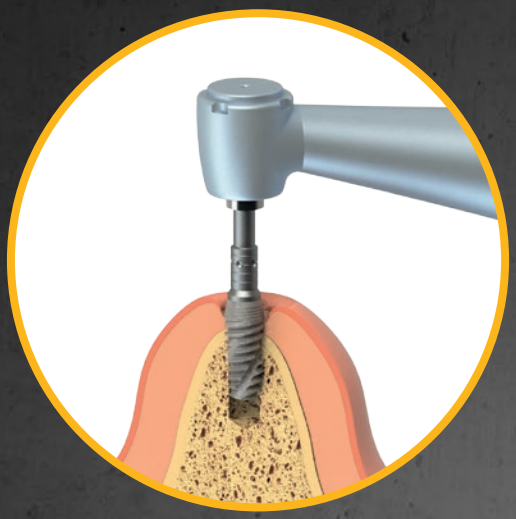


## STEP 4

Start the implant insertion with the contra angle set at low speed (10-15rpm) and a torque of 30-35 Ncm.

Vulkan® Conical Connection

# Step-by-Step Implant Placement



## STEP 5

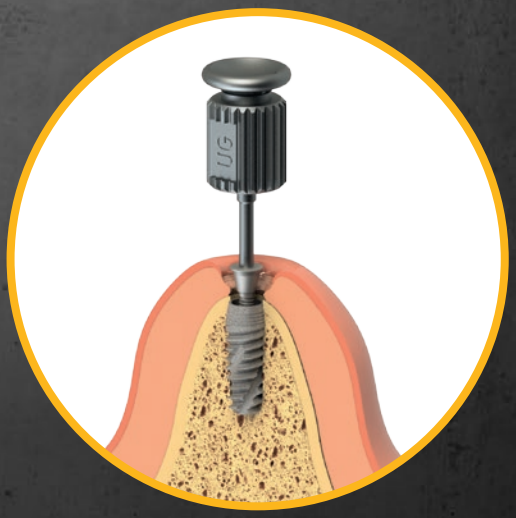
Insert it up to the 75% implant length maintaining a maximum torque of 30-35 Ncm.

## STEP 6

Finalise the implant insertion using manual devices, preferably with the torque ratchet at a maximum torque of 40-45 Ncm. 1mm submersion position is recommended.


## STEP 7

Remove the cover screw from the vial cap using the Unigrip hand driver.




## STEP 8

Hand-tight the Cover screw into the implant manually It is recommended not to exceed a torque of 10 Ncm.

VULKAN IMPLANTS
Strongly with you

# CONICAL CONNECTION ABUTMENTS

Vulkan® Conical Connection

# Prosthetic Solutions and Tools

## Introduction

**Reliable and innovative** prosthetic solutions that ensure the **perfect fit** and maximum **robustness.**

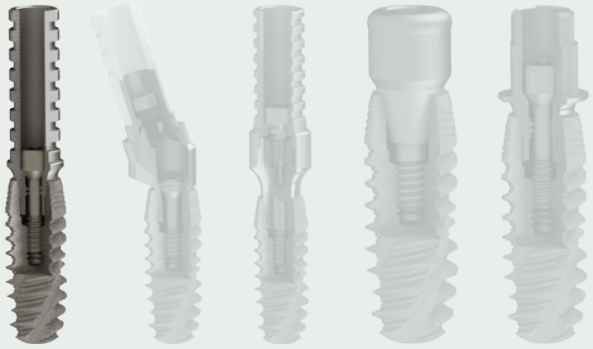
As a result of our advanced manufacturing process, we obtain tolerances of **only 5 µm**, guaranteeing the absence of micro movements in the prosthetic components through an extremely **sealed and precise** connection.

## Index

Prosthetic Solutions and Tools



# Main Prosthetic Components



## Healing

### Clousure Screw

10 Ncm

MiP 3.0 VCONSTC

NP 3.5 VCONNTC

### Healing Cap - Emergency Ø3.2

20 Ncm

Ø3.2 X 3.0mm
VCON01S3032

Ø3.2 X 5.0mm
VCON01S5032

Ø3.2 X 7.0mm
VCON01S7032

### Healing Cap - Emergency Ø3.6

Ø3.6 X 3.0mm
VCON01N3036

Ø3.6 X 5.0mm
VCON01N5036

Ø3.6 X 7.0mm
VCON01N7036

### Healing Cap - Emergency Ø5.0

Ø5.0 X 3.0mm
VCON01N3050

Ø5.0 X 5.0mm
VCON01N5050

Ø5.0 X 7.0mm
VCON01N7050

## Impression

### Impression Coping

MiP 3.0 Open Tray
VCON02S0001

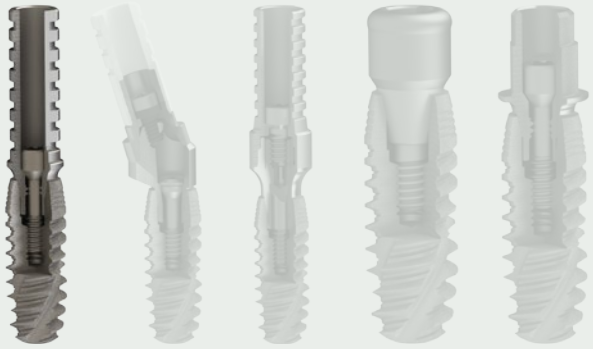
NP 3.5 Open Tray
VCON02N0001

### Analog

MiP 3.0 VCON03S000

NP 3.5 VCON03N0000

# Main Prosthetic Components

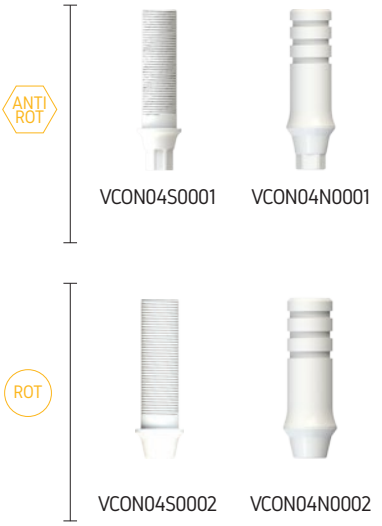


## Screw Retained Restoration

### Castable

POM

MiP 3.0 | NP 3.5



ANTI ROT

VCON04S0001 | VCON04N0001

ROT

VCON04S0002 | VCON04N0002

### Cobalt-Chrome Castable

POM | CR CO

MiP 3.0 | NP 3.5

VCON05S0001 | VCON05N0001

VCON05S0002 | VCON05N0002

### Temporary Abutment

TITANIO 5

MiP 3.0 | NP 3.5

VCON06S0001 | VCON06N0001

VCON06S0002 | VCON06N0002

### Angled Cobalt-Chrome

POM | CR CO | NP 3.5

17º | 30º

1 VCHA170001
2 VCON05N0003

1 VCHA300001
2 VCON05N0003

1 VCHA170001
2 VCON05N0004

1 VCHA300001
2 VCON05N0004

## Cemented Prosthesis

UNI GRIP

h1.5mm: VCON07N1501
h2.5mm: VCON07N2501
h3.5mm: VCON07N3501
h4.5mm: VCON07N4501

15º

15º h1.50 mm: VCON07N1515
15º h2.50 mm: VCON07N2515
15º h3.50 mm: VCON07N35015

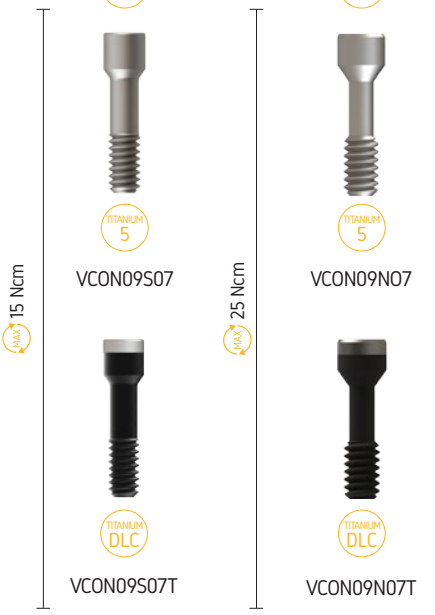
25º

25º h1.50 mm: VCON07N1525
25º h2.50 mm: VCON07N2525
25º h3.50 mm: VCON07N3525

## Clinical Screw

UNI GRIP

MiP 3.0 | NP 3.5



15 Ncm MAX

TITANIUM 5

VCON09S07

VCON09N07

TITANIUM DLC

VCON09S07T

VCON09N07T

25 Ncm MAX

## Angled Prosthetic Screws

NP 3.5

TITANIUM 5

VCON09N00-TLB

25 Ncm MAX

Short
VSDTLB-1

Medium
VSDTLB-2

Long
VSDTLB-3

# Transepitelial Multi-Use®

## Multi-Use® Abutments

### Multi-Use® Straight Abutments

TITANIUM 5 · NP 3.5

30 Ncm MAX

h1.5 mm
VCON10N1500

h2.5 mm
VCON10N2500

h3.5 mm
VCON10N3500

h4.5 mm
VCON10N4500

h5.5 mm
VCON10N5500

h6.5 mm
VCON10N6500

### Multi-Use® Angled Abutments

TITANIUM 5 · NP 3.5

30 Ncm MAX

17º h2.5 mm
VCON10N2517

17º h3.5 mm
VCON10N3517

30º h3.5 mm
VCON10N3530

30º h4.5 mm
VCON10N4530

## Healing

### Healing Cap for Multi-Use® (Integrated screw)

TITANIUM 5 MU0102

## Impression

### Impression Coping for Multi-Use®

TITANIUM 5

Open Tray
MU0211

Closed Tray
MU0202

### Multi-Use® Analog

ACERO INOX

MU03

# Transepitelial Multi-Use®

## Screw Retained Restoration

Castable for Multi-Use®

POM

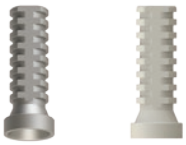
MU0402

Cobalt-Chrome Castable for Multi-Use®

POM CR CO

MU0502

Temporary Abutment for Multi-Use®



TITANIO 5 — MU0602

PEEK — MU0602P

## Prosthetic Screw Multi-Use®

UNI GRIP


TITANIUM DLC — MU0905T

TITANIUM 5 — MU0905

## Prosthesic Screwed Angled Multi-Use®

Angled Cobalt-Chrome Multi-Use®

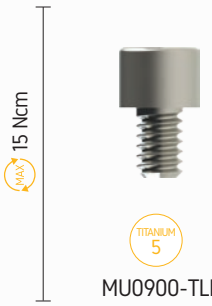

17°

1 VCHA170001
2 MU0504


30°

1 VCHA300001
2 MU0504

## Prosthetic Screw Multi-Use® Angled




TITANIUM 5 — MU0900-TLB

Short VSDTLB-1

Medum VSDTLB-2

Long VSDTLB-3

## Straight Multi-Use® Driver

STAINLESS STEEL

Contra-Angle VDMU-1

Ratchet VDMU-2

## Multi-Use® Abutment VulkanLoc

TITANIUM 5

MU11R00

# Vulkan Tissue Care

**Only for single prostheses*

## Straight Tissue Care Abutment + Screw

TITANIUM 5 · NP 3.5

MAX 25 Ncm

h1.5 mm
VCON14N0015-X

h2.5 mm
VCON14N0025-X

h3.5 mm
VCON14N0035-X

h4.5 mm
VCON14N0045-X

## Tissue Care Screw

TITANIUM 5 · NP 3.5

MAX 25 Ncm

h1.5 mm
VCON15N0015

h2.5 mm
VCON15N0025

h3.5 mm
VCON15N0035

h4.5 mm
VCON15N0045

## Healing

### Healing Cap for Tissue Care

TITANIUM 5 TCS0102

## Impression

### Impression Coping for Tissue Care

TITANIUM 5

ANTI ROT TCS0201

### Analog for Tissue Care

STAINLESS STEEL

TCS0300

## Screwed prosthesis

### Castable Tissue Care

POM TCS0400

### Cobalt-Chrome Castable Tissue Care

ANTI ROT · CR CO TCS0500

### Temporary Abtument Tissue Care

ANTI ROT TCS0600

### Clinical Screw Tissue Care

UNI GRIP

MAX 15 Ncm

TCS0957T TITANIUM DLC

TCS0957 TITANIUM 5

## Angled Prosthesis

### Angled Cobalt-Chrome

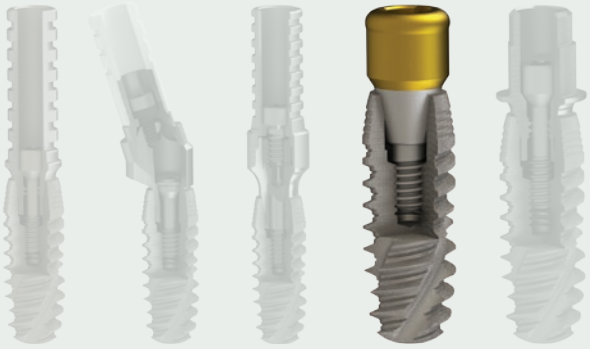
1 2 3

1 VCHA170001
2 VCHA300001
3 TCS0500-A

### Angled Screw

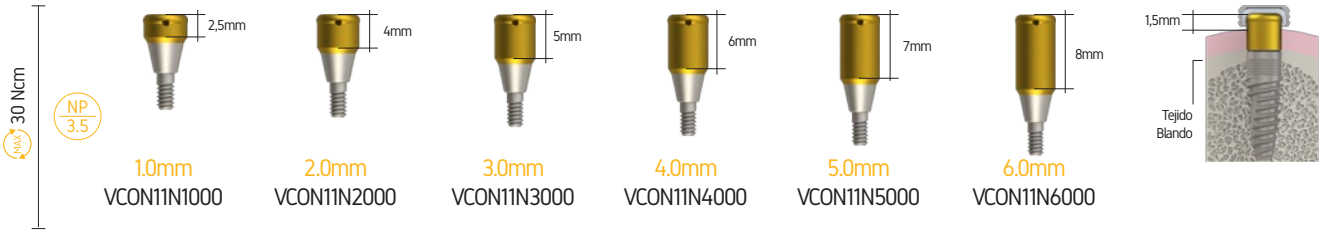
TITANIUM 5 TCS0900-TLB

# Overdenture VulkanLoc®



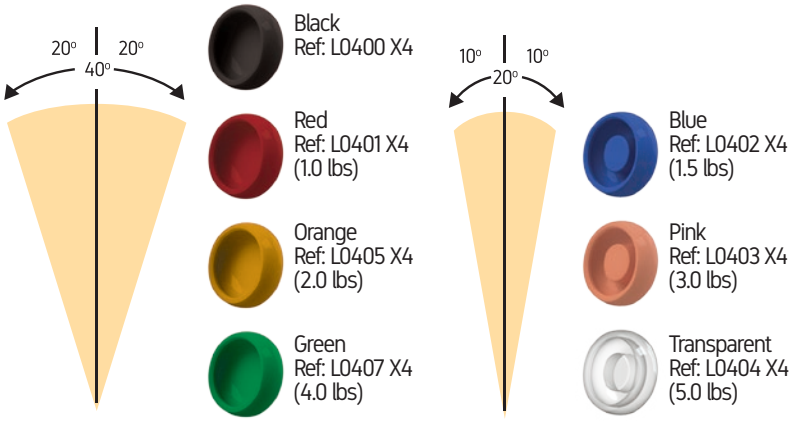
## VulkanLoc® Abutment

TITANIUM 5 | TIN



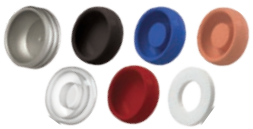

| 1.0mm | 2.0mm | 3.0mm | 4.0mm | 5.0mm | 6.0mm |
|---|---|---|---|---|---|
| VCON11N1000 | VCON11N2000 | VCON11N3000 | VCON11N4000 | VCON11N5000 | VCON11N6000 |

## VulkanLoc® Retainers




- Black Ref: L0400 X4
- Red Ref: L0401 X4 (1.0 lbs)
- Orange Ref: L0405 X4 (2.0 lbs)
- Green Ref: L0407 X4 (4.0 lbs)
- Blue Ref: L0402 X4 (1.5 lbs)
- Pink Ref: L0403 X4 (3.0 lbs)
- Transparent Ref: L0404 X4 (5.0 lbs)

## VulkanLoc® Processing Package



L0100

### Housing with Black Retainer

L0409 X4

## VulkanLoc® Analog

L03

## Mounter for VulkanLoc®

L00

## Spacer Ring

L0406 X4

## Impression Coping for VulkanLoc®

L0202

## VulkanLoc® Driver

Contra-Angle: VDMU-1

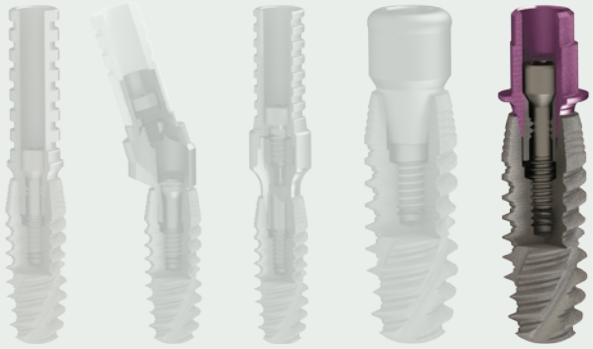
Ratchet: VDMU-2

## Smart Tool VulkanLoc®


VDVL-3
*Multi Functional Tool for VulkanLoc® System*

# CAD-CAM Components

** Libraries Available:*
*www.vulkanimplants.com*



## Ti-Base MiP 3.0

ANTI ROT

h1.50 mm: VCON08S1501

ROT

h1.50 mm: VCON08S1502

## ScanBody TITANIUM 5 MiP 3.0


Intraoral
VCON13S0002

## Analog STAINLESS STEEL MiP 3.0


VCON03S0010

## Ti-Base NP 3.5

ANTI ROT

h1.50 mm: VCON08N1501
h2.50 mm: VCON08N2501
h3.50 mm: VCON08N3501

ROT

h1.50 mm: VCON08N1502
h2.50 mm: VCON08N2502
h3.50 mm: VCON08N3502

## ScanBody TITANIUM 5 NP 3.5


Intraoral
VCON13N0002

## Analog STAINLESS STEEL NP 3.5


VCON03N0010

## Ti-Base for transepithelial Multi-Use®

ROT

h0.5mm:
MU080502

## ScanBody Multi-Use® TITANIUM 5


Intraoral
MU13R02

## Analog Multi-Use® STAINLESS STEEL


MU0310

## Ti-Base for transepithelial Tissue Care

ANTI ROT

h0.5mm:
TCS080501

## ScanBody Tissue Care


Intraoral
TCS1301

## Analog Tissue Care


TCS0310

Vulkan® Implants

# Surgical and Prosthetic Tools

## Prosthetic Drivers Unigrip

### Hand Driver

Short
VSDUG-1-R



Long
VSDUG-2-R

### Hand Driver

Short
VSDUG-3

Long
VSDUG-4

### Ratchet Driver 4x4

Short
VDUG-1

Long
VDUG-2

### Adapters

VPL4X4

VSDCA

## Tetralobular Prosthesic Drivers

### Para Tornillo Angulado

Short
VSDTLB-1

Medium
VSDTLB-2

Long
VSDTLB-3

## Implant Driver

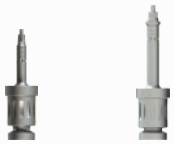
### Contra-Angle MiP 3

Short (21mm) Long (27mm)

VCONDRS1 VCONDRS2

### Ratchet MiP 3

Short (21mm) Long (27mm)



VCONDRS3-R VCONDRS4-R

### 4x4 MiP 3

Short (21mm) Long (27mm)

VCONDRS3 VCONDRS4

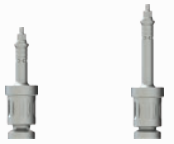
### Contra-Angle NP 3.5

Short (21mm) Long (27mm)

VCONDRN1 VCONDRN2

### Ratchet NP 3.5

Short (21mm) Long (27mm)



VCONDRN3-R VCONDRN4-R

### 4x4 NP 3.5

Short (21mm) Long (27mm)

VCONDRN3 VCONDRN4

### Paralleling Pin (With depth marks)

Ø 2.0
VG20

### Drill Extender

VDL

### Spherical Drill

Ø5.0
VSFD

## Surgical Drills

Pilot
VFP


Ø 2.50
VFT25


Ø 2.8
VFT28


Ø 3.2
VFT32


Ø 3.65
VFT365


Ø 4.60
VFT460


Ø3.75
VFAV375


Ø4.20
VFAV420


Ø5.00
VFAV500

## Drill Stoppers

Serie 1 for Drills:
Ø2.50 / Ø2.80 / Ø3.20

6mm VTF06-1
7mm VTF07-1
8mm VTF08-1
9mm VTF09-1
10mm VTF10-1
11mm VTF11-1
11,5mm VTF115-1
12mm VTF12-1
13mm VTF13-1
14mm VTF14-1
15mm VTF15-1

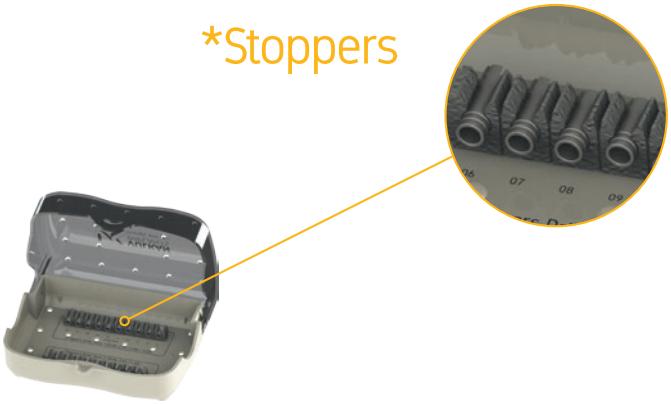
Serie 2 for Drills:
Ø3.65 / Ø4.60

6mm VTF06-2
7mm VTF07-2
8mm VTF08-2
9mm VTF09-2
10mm VTF10-2
11mm VTF11-2
11,5mm VTF115-2
12mm VTF12-2
13mm VTF13-2
14mm VTF14-2
15mm VTF15-2


Vulkan® Implants

# Advanced Surgical Kit

*Stoppers



VSK- CON
Dynametrometric ratchet VDIN2
Drivers Ø7 connection
Drill Stoppers not included

VSK- CON-T
Dynametrometric ratchet VDIN2
Drivers Ø7 connection
Drill Stoppers included

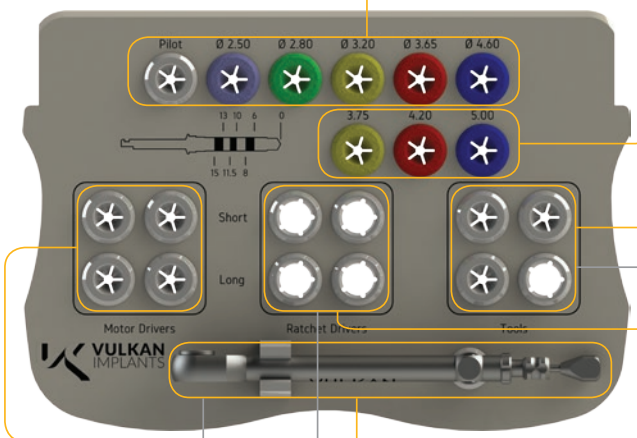
VSK2- CON
Dynametrometric ratchet VDIN
Drivers 4X4 connection
Drill Stoppers not included

VSK2- CON-T
Dynametrometric ratchet VDIN
Drivers 4X4 connection
Drill Stoppers included


Dynametrometric ratchet
VDIN2

Spring Ratchet
VDIN

## Vulkan® Surgical Kit contains




| | |
|---|---|
| VFP | Vulkan® Pilot Drill |
| VFT 25 | Vulkan® Drill Ø 2.5 |
| VFT28 | Vulkan® Drill Ø 2.8 |
| VFT32 | Vulkan® Drill Ø 3.2 |
| VFT365 | Vulkan® Drill Ø 3.65 |
| VFT460 | Vulkan® Drill Ø 4.60 |
| VFAV375 | Vulkan® Countersink Drill Ø3.75 |
| VFAV420 | Vulkan® Countersink Drill Ø4.20 |
| VFAV500 | Vulkan® Countersink Drill Ø5.00 |
| VG20 (x2) | Vulkan® Paralleling Pin Ø2.0 |
| VDL | Vulkan® Drill Extender |
| VSDUG-2-R | Vulkan® Prosthetic Hand / Ratchet Driver Unigrip Long |
| VCONDRN-3 | Vulkan® Conical Connection NP Implant Hand Driver Ratchet Short |
| VCONDRN-4 | Vulkan® Conical Connection NP Implant Hand Driver Ratchat Long |
| VCONDRS-3 | Vulkan® Conical Connection MIP Implant Hand Driver Ratchet Short |
| VCONDRS-4 | Vulkan® Conical Connection MiP Implant Hand Driver Ratchet Long |
| VCONDRN1 | Vulkan® Conical Connection NP Implant Driver Contra-Ángulo Corto |
| VCONDRN2 | Vulkan® Conical Connection NP Implant Driver Contra-Ángulo Largo |
| VCONDRS1 | Vulkan® Conical Connection MiP Implant Driver Contra-Ángulo Corto |
| VCONDRS2 | Vulkan® Conical Connection MiP Implant Driver Contra-Ángulo Largo |
| VDIN2 | Vulkan® Dynametrometric Ratchet 10-70 Ncm (4x4 / Ø 7) |

BASIC VERSION WITH 4X4 DRIVERS

| | |
|---|---|
| VCONDRN3 | Vulkan® Conical Connection NP Implant Driver Ratchet Short |
| VCONDRN4 | Vulkan® Conical Connection NP Implant Driver Ratchet Long |
| VCONDRS3 | Vulkan® Conical Connection Mip Implant Driver Ratchet Short |
| VCONDRS4 | Vulkan® Conical Connection Mip Implant Driver Ratchet Long |
| VDUG-2 | Vulkan® Unigrip Ratchet Driver Long |
| VDIN | Vulkan® Spring Ratchet |

X BODY

www.vulkanimplants.com

# Vulkan® Conical Connection Implant

**Titanimplant, S.L.**
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